



WEEKLY SUMMARY REPORT

PROJECT NO.:	2476.0001Y006	WEEKLY REPORTING PERIOD: Monday May 7, 2018 through Sunday May 13, 2018
PROJECT:	CFAC Phase II Site Characterization	
LOCATION:	Columbia Falls, Montana	

SUMMARY OF WORK COMPLETED

- Cascade and Roux personnel advanced 17 soil borings with the Geoprobe and collected surface, shallow, and intermediate (or deeper) soil samples (CFSB-240, 242, 243, 244, 245, 246, 247, 266, 267, 268, 269, 274, 275, 276, 278, 279, 280). The Geoprobe hit refusal at the intermediate depths in borings CFSB-279 and 280 in the North-West Percolation Pond, and therefore, some of these intermediate and deep samples could not be collected. These boring locations will be attempted with the Sonic rig following the completion of the Sonic scope of work in an effort to collect these samples.
- Cascade and Roux personnel drilled three soil borings with the Sonic and installed three monitoring wells (CFMW-057b, 068, 069) screened in the upper hydrogeologic unit. Soil samples were collected from the surface, shallow, intermediate, and deep soil intervals above the screen and within the water table.
- Cascade and Roux personnel drilled 7 soil borings with the Sonic in the Main Plant building area and collected samples from beneath the basement slab (CFSB-157, 158, 159, 160, 161, 162, 285).
- Cascade and Roux completed soil borings with a hand auger and collected soil samples at 10 locations (CFSB-221, 222, 223, 224, 225, 226, 227, 228, 229, 230).
- All incremental sampling methodology (ISM) locations were staked in preparation for sampling next week.
- Soil investigation derived waste (IDW) from soil boring and monitoring well locations were transferred to the IDW roll-off bins stored in the warehouse.

SUMMARY OF WORK PLANNED FOR NEXT WEEK / ANTICIPATED SCHEDULE CHANGES

- Planned
 - Continue advancing soil borings and installing upper hydrogeologic unit monitoring wells using the Sonic drill rig;
 - Continue advancing soil borings in the Main Plant building area using the Sonic drill rig;
 - Begin collecting ISM samples with the use of the Geoprobe direct-push rig;
 - Continue collecting soil samples for laboratory analysis.
- Modifications
 - As a result of the onsite CFAC/Roux/USEPA/MDEQ meeting on May 9, 2018, it was determined that the proposed Sonic soil boring locations in Potroom #10 (CFSB-159, 160) were inaccessible due to the ongoing demolition work being conducted by CFAC's demolition contractor Calbag Resources, LLC (Calbag). In order to safely complete the borings, the two borings were relocated outside of Potroom #10, just east of the former building. USEPA also requested an additional Sonic boring in the courtyard between Potroom #9 and #10. CFAC/Roux will prepare a Phase II SAP Record of Modification to USEPA to document this change in scope.

HEALTH AND SAFETY NOTES

- Roux and Cascade personnel discussed dust hazards associated with drilling in the Main Plant building basements. Drillers and Roux oversight wore dust masks to prevent hazards associated with dust inhalation.
- Roux conducted a field audit for the IDW storage and the Geoprobe sampling.

OTHER NOTES

- No other notes.

Prepared by Laura Jensen Of Roux